

p57 (D38) polyclonal antibody

Catalog: BS9134

Host: Rabbit

Reactivity: Human

BackGround:

p57 / Kip 2 (or CDKN 1C) is a potent tight binding inhibitor of several G1 cyclin complexes, and is a negative regulator of cell proliferation. The gene encoding human p57 / Kip 2 is located on chromosome 11p15.5, a region implicated in both sporadic cancers, Wilm's tumor, and Beckwith Wiedemann syndrome (BWS, a cancer syndrome) making it a tumor suppressor candidate. BWS is characterized by numerous growth abnormalities and an increased risk of childhood tumors. Several types of childhood tumors including Wilms' tumor, adrenocortical carcinoma and rhabdomyosarcoma display a specific loss of maternal 11p15 alleles, suggesting that genomic imprinting plays an important part. This region also contains two other imprinted genes, insulin like growth factor II (IGF II) and H19, both of which seem to be implicated in adrenal neoplasms.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 57 kDa

Swiss-Prot:

P49918

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

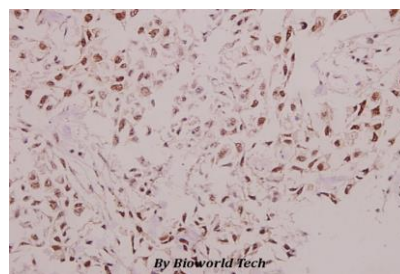
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p57 (D38) polyclonal antibody detects endogenous levels of p57 protein.

DATA:



Immunohistochemistry (IHC) analyzes of p57 (D38) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogol.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151